

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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02499 U.S. PTO  
10/604142  
06/27/03

EFS ID: 42565  
Application ID: 10604142  
Title of Invention: MASK AND SUBSTRATE  
ALIGNMENT FOR SOLDER BUMP  
PROCESS  
First Named Inventor: Duane Allen  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-06-27  
Effective Receipt Date: 2003-06-27  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation number: 1141  
Attorney Docket Number: BUR920030027US1  
  
Total Fees Authorized: 1420.0  
Payment Category: Deposit Account  
Deposit Account Number: 90456  
Deposit Account Name: William D. Sabo  
RAM Payment Status: RAM has not been processed

Digital Certificate Holder: cn=William D. Sabo,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: d1efd21984ec5e13fee94bdca513c71e6fed5d0a

# TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>MASK AND SUBSTRATE ALIGNMENT FOR SOLDER BUMP PROCESS</b>						
Application Number: Date: First Named Applicant: Duane E Allen Confirmation Number: Attorney Docket Number: BUR920030027US1							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 45%; text-align: center;">Submitted by:</th> <th style="width: 25%; text-align: center;">Elec. Sign.</th> <th style="width: 30%; text-align: center;">Sign. Capacity</th> </tr> <tr> <td style="padding: 5px;">           William D Sabo            Registered Number: 27465         </td> <td style="padding: 5px; vertical-align: top;">           William D. Sabo /s/         </td> <td style="padding: 5px; vertical-align: top;">           Attorney         </td> </tr> </table>		Submitted by:	Elec. Sign.	Sign. Capacity	William D Sabo Registered Number: 27465	William D. Sabo /s/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
William D Sabo Registered Number: 27465	William D. Sabo /s/	Attorney					
<table style="width: 100%; border: none;"> <tr> <td style="width: 45%; vertical-align: top;"> <b>Documents being submitted</b>             us-assignment                us-request         </td> <td style="width: 55%; vertical-align: top;"> <b>Files</b>            BUR920030027US1-usassn.xml            us-assignment.xml            us-assignment.dtd            bur920030027assign1.tif            bur920030027assign2.tif            BUR920030027US1-usrequ.xml            us-request.dtd         </td> </tr> </table>		<b>Documents being submitted</b>  us-assignment     us-request	<b>Files</b> BUR920030027US1-usassn.xml us-assignment.xml us-assignment.dtd bur920030027assign1.tif bur920030027assign2.tif BUR920030027US1-usrequ.xml us-request.dtd				
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us-declaration

us-declaration

### Comments

Assignee: International Business Machines Corporation, Armonk, NY 10504

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

<b>Title of Invention</b>	<b>MASK AND SUBSTRATE ALIGNMENT FOR SOLDER BUMP PROCESS</b>																				
Application Number: Date: First Named Applicant: Duane E Allen Attorney Docket Number: BUR920030027US1																					
<b>TOTAL FEE AUTHORIZED \$1420</b>  Patent fees are subject to annual revisions on or about October 1st of each year.																					
Filing as large entity  BASIC FILING FEE																					
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Utility Filing Fee</td><td>1001</td><td>750</td><td>750</td></tr><tr><td colspan="4">Subtotal For Basic Filing Fee: \$750</td></tr></tbody></table>		Fee Description	Fee Code	Amount \$	Fee Paid \$	Utility Filing Fee	1001	750	750	Subtotal For Basic Filing Fee: \$750											
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EXTRA CLAIM FEES																					
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ASSIGNMENT FEES																					
<table border="1"><thead><tr><th>Fee Description</th><th>Property Number</th><th>Quantity</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Recording Each Patent Assignment Per Property Fee</td><td>00000000</td><td>1</td><td>8021</td><td>40</td><td>40</td></tr></tbody></table>		Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$	Recording Each Patent Assignment Per Property Fee	00000000	1	8021	40	40								
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Recording Each Patent Assignment Per Property Fee	00000000	1	8021	40	40																

Subtotal For Additional Fees: \$40

**AUTHORIZED BILLING INFORMATION**

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 090456

Deposit name: International Business Machines Corporation

Deposit authorized name: William D. Sabo

Signature: William D. Sabo /s/

Date (YYYYMMDD): 2003-06-27

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.